



*Pile Dynamics, Inc.*

**Quality Assurance for Deep Foundations**

## **Embedded Strain Transducer Specifications**

15-274

Compatible with Traditional (cabled) connection or with Wireless Transmitter when used with model PDA-8G, PAX, or SLT

Standard Smart Sensor technology

Smart Sensors report their calibration to a PDA model 8G or PAX (PAX reporting in wireless mode only)

Sizes: #4 - 12.7 mm diameter (.5 in), steel rebar 91.4 cm (36 in); #5 - 15.9 mm diameter (.625 in), steel rebar 122 cm (48 in) length

Material: Steel

Circuit: Full Wheatstone bridge

Cable: Shielded, length variable to specific needs

Nominal Sensitivity: 380  $\mu\epsilon/mV/V$

Strain Range: Nominally 3,000  $\mu\epsilon$

Shock Range: Nominally 5,000 g

Temperature Range: -50° to 120°C (-58° to 248°F) operating